

ABSTRACT

An apparatus for controlling aging, cathode ray tube aging including a microcontroller generating brightness level data for aging of the cathode to a video input signal; a video preamplifier connected to the microcontroller receiving the
5 brightness level data by the video input signal and mixing a host video signal to generate a video output signal wherein the brightness level of the video output signal being controlled by the microcontroller; a cutoff control coupled to the video preamplifier receiving brightness data of the video output signal and setting a proper
10 brightness level of a cathode; and a voltage control not coupled to the microcontroller preset for an initial brightness level of the cathode during aging.